

- (b) a polarizing device that receives said light;
 - (c) at least one polarizing beam splitter that receives said light that has previously been received by said polarizing device;
 - (d) at least one liquid crystal panel for generating an image that receives light that has previously been received by said polarizing beam splitter;
 - (e) a projection source for projecting said image; and
 - (f) a color component rotator optically located between said polarizing device and said projection source, wherein at least a portion of said light passes through said color component rotator, wherein said color component rotator changes the polarization state of a first wavelength of said light incident thereon while being free from changing the polarization state of a second wavelength of light incident thereon.
17. A projection display system, comprising:
- (a) a light source that provides light;
 - (b) a polarization converter that receives said light;
 - (c) at least two polarizing beam splitters that receive said light that has previously been received by said polarizing device;
 - (d) at least three liquid crystal display panels that receive said light that has previously been received by at least one of said polarizing beam splitters, each for generating a respective image;
 - (e) a projection source for projecting said images; and
 - (f) at least two color component rotators, each of said color component rotators being optically located between said polarization converter and said projection source, wherein at least a portion of said light passes through at least one of said color component rotators and at least a portion of said light passes through another one of said color component rotators.